ABBOCIATION CONNECTING ELECTRONICS INDUSTRIES® INFORMATION CONNECTING	PC, Bannock	burn, Illinois. A	Il rights reserved untions.	under both	This docume level parts, t	ent is a declar he declaration	ration of n encon	of the substand npasses all lo	ces with wer leve	n the manufac el materials for	turer listed i which the n	tem. Not nanufact	ote: if the i turer has e	tem is an as engineering i	sembly with low responsibility.	
	IPC Web Site for Information on IPC-1752 Standard Form Typ http://www.ipc.org/IPC-175x Distribute				e *	Declaration Class * Class 6 - RoHS Yes/No, Homogeneous Mater					erials and M	als and Mfg Information				
Supplier Information																
Company name*	Company un	Company unique ID			Unique ID Authority					Respons	Response Date*					
nsemi											2023-06-08					
Contact Name Title - Contact				P			Phone - Contact*					Email - Contact*				
Product-Env-Stewards	Product Envi	Product Enviro Compliance			NA					Produc	Product-Env-Stewards@onsemi.com					
Authorized Representative* Title			Title - Representative			Phone - Representative*				Email -	Email - Representative*					
Product-Env-Stewards	Product Enviro Compliance				NA				Produc	Product-Env-Stewards@onsemi.com						
Requester Item Number	ber Mfr Item Nur		Number Mfr Item Name			Effective Da	ate V	rsion Manufacturing Site		,	Weight*	k	UOM	Unit Type		
	74ALV	C16244MTD	LV 16-Bit Buf/Line Driver			2023-06-08		PH4	PH4		191.762 mg		ng	Each		
Ianufacturing Proccess Informa	tion															
Terminal Plating / Grid Array M	aterial	Ferminal Base	Alloy	J-STD-020 MSL Rati		Peak Process		Body Temperature Max Time at Peal		ak Temperat	Temperature Numbe		Reflow Cyc	les		
Precious metal (e.g. Ag,Au, NiPdAu) (no Sn)		CU Alloy 2		2		260		С		30		ds 3				
omments																
TTENTION: MSL 2 Rated item require	es Dry Pack (	after electrical	test)													
or more information regarding material	composition	please refer to	page 3													

RoHS Material Composition Declaration				Declaration Type *	Detailed							
Directive 2015/863/EU amending RoHS Directive 2011/65/EU	RoHS Definition: Quantity limit of 0.01% by mass (100 PPM) in homogeneous material for Cadmium and quantity limit of 0.1% by mass (1000 PPM) in homogeneous material for: Lead (Pb), Mercury (Hg), Hexavalent Chromium (Cr6+), Polybrominated Biphenyls (PBB), Polybrominated Diphenyl Ethers (PBDE), and Bis(2-ethylhexyl) phthalate (DEHP), Benzyl-butyl phthalate (BBP), Dibutyl phthalate (DBP), Diisobutyl phthalate (DIBP).											
cadmium, hexavalentchromium, polybrominate contains a RoHS restricted substance inexcess encompass all such components. Supplier certif as of the date that Supplier completes this form Company acknowledges that Supplier may hav independently verified information provided by certification in this paragraph. If the Company a	ed biphenyls and/or polybrominated dip of an applicable quantity limit, please ir ies that it gathered the information it pro- .Supplier acknowledges that Company e relied on informationprovided by othe v others, Supplier agrees that, at a minin and the Supplier enter into a written agre pource of the Supplier's liability and the	henyl ethers (each a " ndicate below which, i ovides in this form us will rely on this certifiers in completing this num, itssuppliers have eement with respect to Company's remedies	RoHS restricted substance") in exce if any, RoHS exemption you believe ing appropriate methods to ensure if ication in determining the complian form, and that Supplier may not have e provided certifications regarding the to the identified part, the terms and co for issues that arise regarding inform	ce of its products with European Union membe	ove. If a homogeneous material within the part er level components, the declaration shall l correct to the best of its knowledge and belief, r state laws that implement the RoHS Directive. wever, in situations where Supplier has not tions are at least as comprehensive as the anty rights and/or remedies provided as part of							
RoHS Declaration * 1 - Item(s)	does not contain RoHS restricted substa	ances per the definitio	on above	Supplier Acceptance	* Accepted							
Exemption: If the declared item does not con applicable exemptions.	ntain RoHS restricted substances per	the definition above	except for defined RoHS exempti	ons, then select the corresponding response i	n the RoHS Declaration above and choose all							
Exemption List Version	EL-2011/534/EU											
Declaration Signature												
Instructions: Complete all of the required fin Requester) and click on Submit Form to have	elds on all pages of this form. Select the form returned to the Requester	he "Accepted" on th	e Supplier Acceptance drop-down	. This will display the signature area. Digital	lly sign the declaration (if required by the							
Supplier Digital Signature Ra	stislav Drska	Le										

## Homogeneous Material Composition Declaration for Electronic Products

SubItem Instructions: The presence of any JIG Level A or B substances must be declared. [1] indicate the subpart in which the substance is located, [2] provide a description of the homogeneous material [3], enter the weight of the homogeneous material.

Homogeneous Material	Weight	Unit of Measure	Level	Substance	CAS	Exempt	Weight	Unit of Measure
Die	2.3	mg	Supplier	Silicon (Si)	7440-21-3		2.3	mg
Die Attach	0.272	mg	Supplier	Silver (Ag)	7440-22-4		0.2013	mg
			Supplier	Phenolic Resin-2	54208-63-8		0.0707	mg
Lead Frame	70.195	mg	Supplier	Silver (Ag)	7440-22-4		0.324	mg
			Supplier	Magnesium (Mg)	7439-95-4		0.105	mg
			Supplier	Silicon (Si)	7440-21-3		0.456	mg
			В	Nickel (Ni)	7440-02-0		2.11	mg
			Supplier	Copper (Cu)	7440-50-8		67.2	mg
Mold Compound-Black	111.1	mg	Supplier	Ortho Cresol Novolac Resin	29690-82-2		11.11	mg
			Supplier	Carbon Black (C)	1333-86-4		1.111	mg
			Supplier	Fused Silica (SiO2)	60676-86-0		98.879	mg
Plating	6.705	mg	Supplier	Palladium (Pd)	7440-05-3		0.188	mg
			В	Nickel (Ni)	7440-02-0		6.39	mg
			Supplier	Gold (Au)	7440-57-5		0.127	mg
Wire Bond - Au	1.19	mg	Supplier	Gold (Au)	7440-57-5		1.19	mg

Substance Instructions: [A] select the Level (JIG A, JIG B, Requester or Supplier) [B] select the substance category (JIG or Requester) or enter a value (Supplier). [C] select the substance (JIG) or enter the substance and CAS (Other). [D] select a RoHS exemption, if applicable [E] enter the weight of the substance or the PPM concentration [F] Optionally enter the positive (+) and negative (-) tolerance in percent (Note: percent tolerance values are expected to cover a 3 sigma range of distribution unless otherwise noted).